|     |                            |              | Ir           | a                  |          |           |          |          |             |              |                 |           |            |  |           |          |          |            |          |             |              |                        |           |            |          |          |          |                 |                | Reexamination |           |          |           |          |          |   |  |  |
|-----|----------------------------|--------------|--------------|--------------------|----------|-----------|----------|----------|-------------|--------------|-----------------|-----------|------------|--|-----------|----------|----------|------------|----------|-------------|--------------|------------------------|-----------|------------|----------|----------|----------|-----------------|----------------|---------------|-----------|----------|-----------|----------|----------|---|--|--|
|     |                            |              |              |                    |          |           |          |          |             |              |                 | Ш         |            |  |           |          | 10       | 10/517,917 |          |             |              |                        |           |            |          |          |          |                 | MARTENS ET AL. |               |           |          |           |          |          |   |  |  |
|     |                            |              |              |                    |          |           |          |          |             |              |                 |           |            |  | Examiner  |          |          |            |          |             |              |                        |           |            | Art Unit |          |          |                 |                |               |           |          |           |          |          |   |  |  |
|     |                            |              |              |                    |          |           |          |          |             |              |                 |           |            | Henok G. Heyi                                    |           |          |          |            |          |             |              |                        |           | 2627       |          |          |          |                 |                |               |           |          |           |          |          |   |  |  |
|     | Rejected (Through numeral) |              |              |                    |          |           |          |          |             |              |                 |           |            |  | al)       |          |          |            |          |             |              |                        |           |            | П        |          |          |                 |                |               | $\neg$    |          |           |          |          |   |  |  |
|     |                            |              | √            | Rejected           |          |           |          |          | _           | _ '          |                 | Cancelled |            |  |           | ш.,      |          |            | N        | N           | Non-Ele      |                        | cted      |            | Α        |          | Appeal   |                 |                |               |           |          |           |          |          |   |  |  |
|     |                            |              | =            |                    |          |           |          |          |             | +            | +               |           | Restricted |  |           |          |          |            | :        | 1           | Interference |                        |           | се         | e        | 0        | Objected |                 |                |               |           |          |           |          |          |   |  |  |
| . ا | Claim Date                 |              |              |                    |          |           |          |          |             | Claim        |                 |           |            |  |           | -        | Date .   |            |          |             |              | Г                      |           |            | Ţ        |          |          |                 | ato            |               |           |          | $\neg$    |          |          |   |  |  |
|     | Cic                        |              |              |                    |          |           |          |          |             |              | $\sqcap$        |           |            |  |           |          |          | Jaie       |          |             | $\dashv$     | ł                      |           | Claim<br>_ |          | Date     |          |                 |                | T             | $\dashv$  |          |           |          |          |   |  |  |
|     | Final                      | Original     | 7/12/07      | 11/20/07           |          |           |          |          |             |              |                 | *         | Final      | Original   |           |          |          |            |          |             |              |                        |           |            | Final    | Original |          |                 |                |               |           |          |           |          |          |   |  |  |
| 1   | 1                          | 1            | 1            | 4                  |          |           |          |          |             |              |                 |           |            |  |           |          |          |            |          |             |              |                        |           | ŀ          |          |          |          |                 | 1              | 1             | $\exists$ |          | $\exists$ | $\perp$  |          |   |  |  |
| ſ   | 2                          | 2            | <b>V</b>     | V                  |          |           | $\Box$   |          |             |              |                 |           |            |  |           |          |          | $\Box$     |          |             |              |                        | $\Box$    |            |          |          |          | _               |                | _             | 4         | _        | _         | 4        |          |   |  |  |
| ŀ   | 3                          | 3            | 7            | 7                  | _        |           |          |          |             |              |                 |           |            |  | -         |          |          |            | -        | $\dashv$    | -            | _                      | -         | ŀ          |          |          | $\vdash$ | -               | -              | $\dashv$      | $\dashv$  | $\dashv$ | $\dashv$  | $\dashv$ | $\dashv$ |   |  |  |
|     | 5                          | 5            | 1            | Ì                  |          |           |          |          |             | _            | $\vdash$        |           |            |  |           | -        |          |            | -        | -           | $\neg$       |                        | -         | ŀ          | ٠.       |          | $\vdash$ |                 | $\dashv$       | 7             | $\dashv$  | $\dashv$ | $\dashv$  | $\dashv$ | $\dashv$ |   |  |  |
| į   | 6                          | 6            | V            | 1                  |          |           |          |          | -           |              |                 |           |            |  |           |          |          |            |          |             |              |                        |           |            |          |          |          |                 |                |               |           |          |           |          |          |   |  |  |
| ļ   | 7                          | 7            | 1            | 1                  |          |           |          |          |             | _            |                 |           |            |  |           |          |          | _          | $\dashv$ | $\dashv$    | _            |                        | _         | ŀ          |          |          |          |                 | _              | -             | 4         | 4        | _         | _        | 4        |   |  |  |
| . } | 8 :                        | 9            | 1            | 1                  |          |           | $\dashv$ | $\vdash$ | $\vdash$    | $\sqcup$     | $\vdash \vdash$ |           |            |  |           |          | $\dashv$ | $\dashv$   | $\dashv$ | $\dashv$    | $\dashv$     | _                      |           | ŀ          |          |          | $\vdash$ | $\dashv$        | $\dashv$       | +             | $\dashv$  | $\dashv$ | -         | -        | $\dashv$ |   |  |  |
| }   | 10                         | 10           | 1            | V                  |          |           |          |          |             |              |                 |           |            |  |           | _        | $\dashv$ | $\dashv$   | $\dashv$ |             |              |                        | $\dashv$  | ŀ          |          |          | $\vdash$ | -               | +              | -             |           | ᅱ        | $\dashv$  | $\dashv$ | $\dashv$ |   |  |  |
|     | 11                         | 11           | V            |                    | ÷        |           |          |          |             |              | $\Box$          |           |            |  |           |          | $\neg$   |            | $\neg$   | $\neg$      |              |                        | $\exists$ |            |          |          | H        |                 |                |               |           |          |           | 寸        |          | • |  |  |
| İ   |                            |              |              |                    |          |           |          |          |             |              |                 |           |            |  |           |          |          |            |          |             |              |                        |           |            |          |          |          |                 |                |               | _         | $\Box$   |           | $\Box$   |          |   |  |  |
|     |                            |              |              |                    |          |           |          |          |             |              |                 |           |            |  |           | _        | 4        |            | _        | -           | -            |                        | _         | -          |          |          | $\vdash$ | $\dashv$        | $\dashv$       | 4             | 4         | 4        |           | -        | 4        |   |  |  |
|     |                            |              | -            | $\dashv$           |          |           | -        |          |             |              |                 |           |            |  |           | $\dashv$ | $\dashv$ | $\dashv$   | $\dashv$ | $\dashv$    | $\dashv$     | $\dashv$               |           | ŀ          |          |          | H        |                 | ᆉ              | $\dashv$      | +         | -        |           |          | -        |   |  |  |
| }   |                            |              | -            |                    |          |           |          |          |             |              | $\vdash$        |           | <u> </u>   |  |           |          | $\dashv$ | $\dashv$   | $\dashv$ |             |              | 寸                      | -         | ŀ          |          |          |          |                 | -              | 7             | $\dashv$  | 7        | 寸         | ┰        | $\dashv$ |   |  |  |
|     |                            |              |              |                    |          |           |          |          |             |              |                 |           |            |  |           |          |          |            |          |             |              |                        |           | [          |          |          |          |                 |                |               |           |          |           |          |          |   |  |  |
| j   |                            |              |              |                    |          |           |          |          |             |              |                 |           |            |  |           | _        | _        |            |          |             |              |                        | 4         | ļ          |          |          |          | _               | _              | 4             | _         |          | 4         | _        | _        |   |  |  |
|     |                            |              |              |                    | _        |           |          |          |             |              | Н               |           |            |  | $\vdash$  |          | -        | $\dashv$   | $\dashv$ | -           |              |                        | $\dashv$  | -          |          |          | $\vdash$ | $\dashv$        | -              | +             | +         | $\dashv$ | $\dashv$  | +        | _        |   |  |  |
|     |                            |              | -            | -                  | -        |           | -        |          |             |              | Н               |           |            |  |           | -        |          | -          | -        |             |              | $\dashv$               | -         | ł          |          |          | Н        | $\dashv$        | $\dashv$       | $\dashv$      | +         |          |           |          | _        |   |  |  |
| ł   |                            |              |              |                    |          |           |          |          |             |              |                 |           |            |  |           |          |          |            |          |             |              |                        |           | Ī          |          |          | П        |                 |                |               |           |          |           |          | _        |   |  |  |
| ļ   |                            |              |              |                    |          | Ŀ         |          |          |             |              |                 |           |            |  |           |          |          |            |          |             |              |                        |           |            |          |          |          |                 |                |               |           |          |           |          |          | • |  |  |
|     |                            |              | _            |                    |          | Ш         |          | Щ        | L           | _            | $\sqcup$        |           |            |  | $\dashv$  | -        | $\dashv$ | $\dashv$   |          |             |              |                        | _         | ŀ          |          |          | $\vdash$ | $\dashv$        |                | -             | $\dashv$  | -        | -         | 4        | $\dashv$ |   |  |  |
|     |                            |              |              | -                  |          | Н         |          |          | _           | $\vdash$     | Н               |           |            |  | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$   |          |             | -1           |                        | -         | - 1        |          | -        | Н        | -               | $\dashv$       | -             | -         | $\dashv$ | -+        | $\dashv$ |          |   |  |  |
|     |                            |              | ┢            |                    |          |           |          |          |             |              |                 |           |            |  | $\vdash$  |          | $\dashv$ | $\dashv$   |          |             | _            |                        | $\dashv$  | ı          |          |          | $\vdash$ |                 | 一              |               | 7         |          | T         | $\dashv$ |          |   |  |  |
|     |                            |              |              |                    |          |           |          |          |             |              |                 |           |            |  |           |          |          |            |          |             |              |                        |           | Ī          |          |          |          |                 |                |               |           |          |           |          |          | , |  |  |
|     |                            |              | _            |                    | _        | $\square$ |          |          |             | _            | -               |           | <u> </u>   |  |           |          |          | _          |          |             |              | •                      | _         | ļ          | ·<br>    |          | $\vdash$ |                 | _              | -             | -         | 4        | 4         | -        | _        |   |  |  |
|     |                            |              | -            | $\vdash$           |          | Н         |          |          | <del></del> | -            |                 |           | -          | -  | $\vdash$  | _        | $\dashv$ | $\dashv$   | _        |             |              |                        |           | ŀ          |          |          | $\vdash$ | -               | $\dashv$       | -             | -         | -        | -+        | $\dashv$ | $\dashv$ |   |  |  |
|     |                            |              | <del> </del> | -                  |          |           |          |          | -           |              | Н               |           |            |  | H         | $\dashv$ | $\dashv$ | $\dashv$   | -        | $\neg$      |              |                        |           | ł          |          |          | $\vdash$ |                 | $\dashv$       | 7             |           | 7        | 7         | $\dashv$ | ㅓ        |   |  |  |
|     |                            |              | $I^-$        |                    |          |           |          |          |             |              |                 |           |            |  |           |          |          |            |          |             |              |                        |           | į          |          | ,        |          |                 |                |               |           |          | コ         |          |          |   |  |  |
|     |                            |              |              |                    |          |           |          |          |             |              |                 |           |            |  |           |          |          |            |          |             |              |                        |           |            |          |          |          |                 |                |               | _         |          |           |          |          |   |  |  |
|     |                            | ļ            | ļ            | _                  |          |           |          |          |             | <u> </u>     |                 |           |            |  | $\square$ |          |          |            | _        | _           |              | $\dashv$               | 4         | -          |          |          | $\vdash$ | _               | $\dashv$       | 4             | 4         | _        |           |          | $\dashv$ |   |  |  |
|     |                            |              |              |                    |          |           |          |          | _           | -            | $\vdash$        |           |            |  |           | -        | $\dashv$ | $\dashv$   |          | -           | -            | -                      |           | -          |          |          | +        | $\dashv$        | $\dashv$       | -             | -+        | -        | $\dashv$  | $\dashv$ | ᅱ        |   |  |  |
|     |                            |              | $\vdash$     | $\vdash$           | _        | Н         | -        |          | -           |              | -               |           |            | <del>.                                    </del> |           |          | $\neg$   |            |          |             |              |                        | $\dashv$  |            |          |          |          | $\neg \uparrow$ | -              | 7             | _         | $\dashv$ | $\dashv$  | 寸        | ᅥ        |   |  |  |
| ,   |                            |              |              |                    |          |           |          |          |             |              |                 |           |            |  |           |          |          |            |          |             |              |                        |           | Ī          |          |          |          |                 |                |               |           |          |           |          |          |   |  |  |
|     |                            |              | _            |                    |          |           |          |          |             | L            | Ш               |           |            |  |           | -        |          | _          |          |             |              | $\square$              | _         |            |          |          | $\vdash$ |                 | _              | _             | -         | -        | $\dashv$  | _        | $\dashv$ |   |  |  |
|     |                            |              | -            | <u> </u>           |          |           | _        | -        | -           | -            | $\vdash \vdash$ |           |            |  |           |          |          |            | _        | Н           | _            | $\vdash$               | $\dashv$  | ŀ          |          |          | +        | $\dashv$        | $\dashv$       | $\dashv$      | $\dashv$  | $\dashv$ |           | -        | $\dashv$ |   |  |  |
|     |                            |              | $\vdash$     |                    |          | -         |          | -        | $\vdash$    | $\vdash$     | H               |           |            |  | $\vdash$  | -        |          |            | $\dashv$ | Н           | $\vdash$     | $\vdash$               | $\dashv$  | ł          |          |          | $\vdash$ | $\dashv$        | $\dashv$       | $\dashv$      | $\dashv$  | $\dashv$ | $\dashv$  | $\dashv$ | ᅱ        |   |  |  |
|     |                            |              |              |                    |          |           |          |          |             |              |                 |           |            |  |           |          |          |            |          |             |              |                        |           | Į          |          |          |          |                 |                |               |           |          |           |          |          |   |  |  |
|     |                            |              | $\perp$      | $oxedsymbol{oxed}$ |          | Ŀ         |          | Ĺ        | Ĺ           |              | Ш               |           |            | <u> </u>   | 4         |          | _        |            | $\Box$   |             |              | $\square$              | _         | ļ          |          |          | $\Box$   |                 | _[             | _[            | -[        |          | _[        | _        | _        |   |  |  |
|     |                            | -            | $\vdash$     | H                  |          | $\vdash$  | ļ        |          | -           | _            | $\vdash$        |           |            |  | 1         | -        |          |            |          |             | _            | -                      | $\dashv$  |            |          |          | $\vdash$ | $\square$       | +              | -             | $\dashv$  | $\dashv$ | -         | $\dashv$ | -        |   |  |  |
|     |                            |              | 1            | -                  | -        | -         |          |          |             | -            | -               |           | $\vdash$   |  | $\vdash$  |          |          |            | -        | $\vdash$    |              | -                      | $\dashv$  |            |          |          | $\vdash$ | $\vdash$        | $\dashv$       | $\dashv$      | -         | $\neg$   | -         | $\dashv$ | $\dashv$ |   |  |  |
|     | <del></del>                | <del> </del> | +-           | <del></del>        | $\vdash$ | $\vdash$  | H        |          |             | <del> </del> | <del>  </del>   | l         | -          |  |           |          |          | -          | $\vdash$ | <del></del> | $\vdash$     | $\vdash \vdash \vdash$ |           |            | <b></b>  | -        | +        | $\vdash$        |                |               |           |          |           | $\dashv$ | $\dashv$ |   |  |  |

Application/Control No.

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